

CLAIMS

I claim:

1. An electrical rough-in box for a low voltage transformer, comprising:

a body comprising one or more sidewalls and a bottom wall, wherein said one or more sidewalls are connected to said bottom wall;

a cover removably attached to said body, forming a high voltage wiring section, said cover comprising a recessed portion adjacent to one or more flanges having a raised relief in relation to said recessed portion to form a low voltage wiring section, wherein said one or more flanges are adapted to accept a means for attaching said cover to said body, said recessed portion having an opening there through;

a low voltage transformer comprising a high voltage end and a low voltage end, wherein said low voltage transformer is attached to said cover, and said low voltage end of said low voltage transformer is disposed through said opening in said recessed portion of said cover into said low voltage wiring section;

in said body, at least one entryway whereby one or more wires carrying high voltage current may pass from the exterior of said body into said high voltage wiring section and connect to said high voltage end of said low voltage transformer; and

one or more wires connected to said low voltage end of said low voltage transformer passing from said low voltage wiring section to a low voltage appliance.

2. The electrical rough-in box for a low voltage transformer of claim 1, wherein one or more of said sidewalls have a channel recessed therein and one or more of said flanges contain an entryway which, when said cover is attached to said body, said entryway is aligned with said channel for receiving said wires connected to said low voltage end of said low voltage transformer.

3. The electrical rough-in box of claim 1, wherein said low voltage transformer is removably attached to said cover.
4. The electrical rough-in box of claim 3, further comprising one or more brackets for removably attaching said low voltage transformer to said cover.
5. The electrical rough-in box of claim 1 further comprising a means for attaching said body to a wall stud.
6. The electrical rough-in box of claim 1, wherein said body is unitary.
7. An electrical rough-in box for a low voltage transformer, comprising:
 - a body comprising one or more sidewalls and a bottom wall, wherein said one or more sidewalls are connected to said bottom wall;
 - a cover removably attached to said body, forming a high voltage wiring section, said cover comprising a recessed portion adjacent to one or more flanges having a raised relief in relation to said recessed portion to form a low voltage wiring section, wherein said one or more flanges are adapted to accept a means for attaching said cover to said body, said recessed portion having an opening there through;
 - a low voltage transformer comprising a high voltage end and a low voltage end, wherein said low voltage transformer is attached to said bottom wall or to said one or more sidewalls, and said low voltage end of said low voltage transformer is disposed through said opening in said recessed portion of said cover into said low voltage wiring section;
 - in said body, at least one opening whereby one or more wires carrying high voltage current may pass from the exterior of said body into said high voltage wiring section and connect to said high voltage end of said low voltage transformer; and
 - one or more wires connected to said low voltage end of said low voltage transformer passing from said low voltage wiring section to a low voltage appliance.

8. The electrical rough-in box for a low voltage transformer of claim 7, wherein one or more of said sidewalls have a channel recessed therein and one or more of said flanges contain an entryway which, when said cover is attached to said body, said entryway is aligned with said channel for receiving said wires connected to said low voltage end of said low voltage transformer.

9. The electrical rough-in box of claim 7, wherein said low voltage transformer is removably attached to said body.

10. The electrical rough-in box of claim 7 further comprising a means for attaching said body to a wall stud.

11. The electrical rough-in box of claim 7 wherein said body is unitary.

12. An electrical rough-in box for a low voltage transformer, comprising:

a body comprising a plurality of sidewalls and a bottom wall, wherein said plurality of sidewalls are connected to said bottom wall;

a cover removably attached to said body and forming a high voltage wiring section, said cover having a recessed area forming a low voltage wiring section, said recessed area having an opening there through;

a low voltage transformer having a high voltage end and a low voltage end within said body, said low voltage end of said low voltage transformer disposed through said opening in said recessed area of said cover into said low voltage wiring section;

at least one opening in said body whereby one or more wires carrying high voltage current may pass from the exterior of said body into said body.